

Release Notes for IDC Version 4.0.318

(Emin Can Dogrul; DWR)

IMPORTANT NOTE:

Starting with IDC v4.0.266, the definition of the irrigation trigger minimum soil moisture for non-ponded crops is changed (please see note 2 in *Release Notes for IDC version 4.0.266* as well as the IDC Theoretical Documentation). This change requires the modification of the values for this parameter in existing models using versions of IDC before v4.0.266 if these models will be migrated to this version.

This version of IDC includes the following modifications and corrections compared to IDC v4.0.286:

1. **(07/07/2014)** For certain situations, Newton-Rapson iterative method did not converge in routing the soil moisture through the root zone due to the effect of the evapotranspiration function on the overall function to be solved. This was resolved by taking shorter Newton steps after 10 iterations.
2. **(07/14/2014)** Potential evapotranspiration (ET) is now computed and printed in the root zone budget files so that it can be compared with the actual ET to check if ET demand is completely met.